

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	239	(720/681-687).ccls.	US-PGPUB; USPAT	OR	OFF	2006/07/12 10:05
L7	9	((medium disk disc) same (focus\$4 with control\$4) same (radial with tilt\$4 with control\$4)) and L6	US-PGPUB; USPAT	OR	OFF	2006/07/12 10:06
L16	5543	(two double another split) with (actuat\$4 focus\$4) with coil	US-PGPUB; USPAT	OR	ON	2006/07/12 13:57
L17	2162	369/44.32 369/53.19 369/53.13 369/53.14	US-PGPUB; USPAT	OR	OFF	2006/07/12 13:57
L18	194	(L17 L6) and L16	US-PGPUB; USPAT	OR	ON	2006/07/12 13:58
L19	176	L16 same tilt\$4	US-PGPUB; USPAT	OR	ON	2006/07/12 13:58
L20	39	(L17 L6) and L19	US-PGPUB; USPAT	OR	ON	2006/07/12 13:58
S1	1	10/509453	US-PGPUB; USPAT	OR	OFF	2006/07/07 17:58
S2	2	("20010021164" "5627808").PN.	US-PGPUB; USPAT	OR	OFF	2006/01/05 13:11
S3	77	(focus\$4 and PID) same (control\$4 near4 output)	US-PGPUB; USPAT	OR	OFF	2006/01/19 11:12
S4	26	(tilt near4 value) same register	US-PGPUB; USPAT	OR	OFF	2006/01/18 17:33
S5	1	"tilt value" with "tilt register"	US-PGPUB; USPAT	OR	OFF	2006/01/18 17:29
S6	1	"tilt value" same "tilt register"	US-PGPUB; USPAT	OR	OFF	2006/01/18 17:30
S7	1	("disc tilt" "disk tilt") same "tilt register"	US-PGPUB; USPAT	OR	OFF	2006/01/18 17:30
S8	1	"focus integrator" and "sledge step" and tilt	US-PGPUB; USPAT	OR	OFF	2006/01/18 17:35
S9	1	"focus integrator" and "sledge step"	US-PGPUB; USPAT	OR	OFF	2006/01/18 17:35
S10	11	"focus integrator" "sledge step"	US-PGPUB; USPAT	OR	OFF	2006/01/18 17:35
S11	34	(comat\$4 near4 aberration\$4) same ((disk disc) near4 tilt)	US-PGPUB; USPAT	OR	OFF	2006/01/19 11:13
S12	1947	tilt same equation	US-PGPUB; USPAT	OR	OFF	2006/01/19 11:38
S13	1050	tilt with equation	US-PGPUB; USPAT	OR	OFF	2006/01/19 11:40

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S14	46	(tilt with equation) same focus\$4	US-PGPUB; USPAT	OR	OFF	2006/01/19 11:40
S15	67	(two multiple double more extra another other) with (focus near4 control\$4 near4 output)	US-PGPUB; USPAT	OR	OFF	2006/01/23 09:09
S16	298	(focus\$4 adj error) same tilt	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:55
S17	1806	369/44.32	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:55
S18	63	S16 and S17	US-PGPUB; USPAT	OR	OFF	2006/02/06 15:55
S19	2017	369/44.32 369/53.19	US-PGPUB; USPAT	OR	OFF	2006/07/10 15:25
S20	12690	(focus\$4 (object\$3 near2 lens\$2)) with (warp\$3 tilt\$3 skew\$3 inclin\$6)	US-PGPUB; USPAT	OR	OFF	2006/07/07 18:03
S21	485	S19 and S20	US-PGPUB; USPAT	OR	OFF	2006/07/07 18:00
S22	4436	(focus\$4 (object\$3 near2 lens\$2)) near3 (warp\$3 tilt\$3 skew\$3 inclin\$6)	US-PGPUB; USPAT	OR	OFF	2006/07/09 16:47
S23	284	S19 and S22	US-PGPUB; USPAT	OR	OFF	2006/07/07 18:15
S24	277	369/53.14 369/53.13	US-PGPUB; USPAT	OR	OFF	2006/07/09 16:49
S25	286	(S19 S24) and S22	US-PGPUB; USPAT	OR	OFF	2006/07/07 18:17
S26	25	S24 and S22	US-PGPUB; USPAT	OR	OFF	2006/07/07 18:17
S27	183	((focus\$4 (object\$3 near2 lens\$2)) near3 (warp\$3 tilt\$3 skew\$3 inclin\$6)) same ((different many additional other another more extra various few) with (radius radii position))	US-PGPUB; USPAT	OR	OFF	2006/07/10 15:28
S28	2158	369/53.14 369/53.13 369/53.19 369/44.32	US-PGPUB; USPAT	OR	OFF	2006/07/10 08:25
S29	22	S27 and S28	US-PGPUB; USPAT	OR	OFF	2006/07/10 17:45
S30	118	(focus\$4 near5 control\$4) with (PID (proportional adj integer adj derivative))	US-PGPUB; USPAT	OR	OFF	2006/07/10 08:25
S31	8	(369/53.14 369/53.13 369/53.19 369/44.32) and S30	US-PGPUB; USPAT	OR	OFF	2006/07/10 08:26

## EAST Search History

S33	62904	Kondo.in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/10 15:17
S34	2	Kondo.in. and 10/326621	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/10 15:20
S35	2	2001-385808	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/07/10 15:18
S36	6141	Matsushita and focus\$4	US-PGPUB; USPAT	OR	OFF	2006/07/10 15:25
S37	2158	369/44.32 369/53.19 369/53.13 369/53.14	US-PGPUB; USPAT	OR	OFF	2006/07/10 15:26
S38	187	S36 and S37	US-PGPUB; USPAT	OR	OFF	2006/07/10 15:26
S39	183	((focus\$4 (object\$3 near2 lens\$2)) near3 (warp\$3 tilt\$3 skew\$3 inclin\$6)) same ((different many additional other another more extra various few) with (radius radii position))	US-PGPUB; USPAT	OR	OFF	2006/07/10 15:28
S40	2	S38 and S39	US-PGPUB; USPAT	OR	OFF	2006/07/10 15:28
S41	2	("5103436"   "6842414").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/07/10 15:29
S42	83	(medium disk disc) same (focus\$4 with control\$4) same (radial with tilt\$4 with control\$4)	US-PGPUB; USPAT	OR	OFF	2006/07/12 10:05